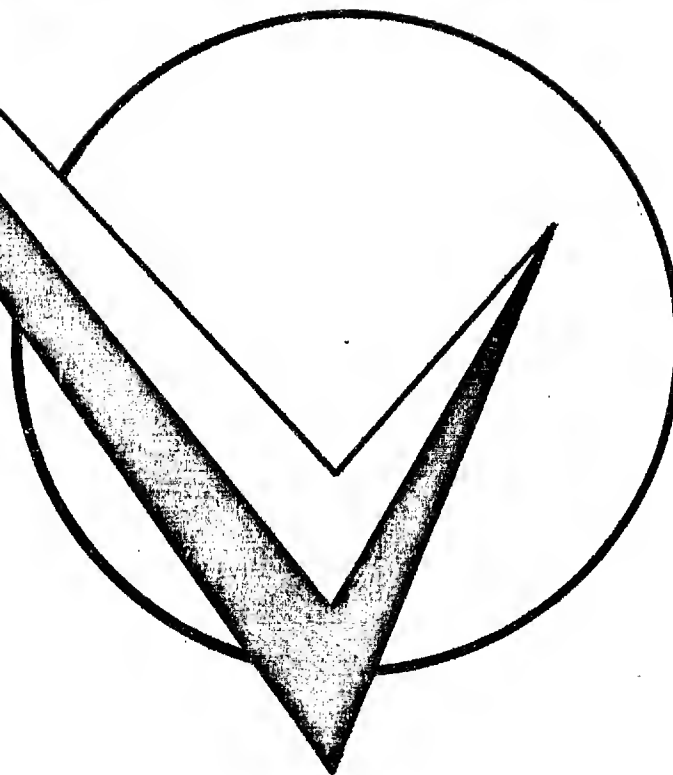


USAF Declass/Release Instructions On File

SAGE



Familiarization Training Program

SAGE FAMILIARIZATION TRAINING

COURSE NAME: SAGE Familiarization Course Nr. SS1616-1.

DURATION: 1 week entering every other week.

LOCATION: Murphy Army Hospital, Waltham, Massachusetts.

CLEARANCE: Secret required

PURPOSE: To orient senior grade officers and key civilians whose duties require an understanding of the SAGE program and facilities.

SCOPE: Provides information on need for SAGE system, equipment used, methods used, the computer, and countermeasures. A tour of the Cape Cod Direction Center is included. See page 2 for SAGE Familiarization course for general outline.

FACILITIES: No military housing or messing facilities are available. Housing must be procured in Boston. Bus transportation will be provided from Boston to the training facility and return each day. Limited meal facilities will be available for the noon meal at the training site. Transportation other than the special bus will be very limited and not available except for exceptional circumstances.

PROGRAM: Phase I. The five classes between 1 April and 30 June 1957 are reserved for grades of Colonel, GS-12 or above who require information on SAGE in the performance of their duties.
Phase II. The classes between 1 July 1957 and 30 June 1960 will be allocated on first priority as in Phase I, and to lower grades to whom the SAGE information is essential. Second priority will be given where training is desirable but not essential in the performance of duties.

SPACE REQUIREMENTS: Requests for spaces in the course should be addressed to the Director, Personnel Procurement and Training, Deputy Chief of Staff for Personnel, Headquarters, United States Air Force, Washington 25, D. C. in accordance with the following schedule:
1. Phase I requests should be forwarded no later than 15 March 1957 to insure consideration in the program. Spaces in this phase are very limited.

SAGE FAMILIARIZATION TRAINING
(Cont'd)

2. Phase II requirements are to be divided into Group A, first priority and Group B, second priority as described under the title PROGRAM (on page 1). Request these requirements be stated in quarterly increments for the period between 1 July 1957 and 30 June 1960 and be forwarded no later than 29 March 57.

REPORTING

INSTRUCTIONS: Reporting instructions will be provided for each phase upon completion of the screening action for that phase.

SAGE FAMILIARIZATION COURSE

GENERAL OUTLINE:

1. Introduction.
2. Need for SAGE in Air Defense.
3. The SAGE System.
4. The Tools of SAGE Air Defense.
5. Organization and Function of SAGE Direction Center.
6. Film Tour of Prototype Direction Center.
7. SAGE Communications.
8. Acquisition of Manual Data.
9. Review of Basic Radar Principles.
10. Radar Data Transmission.
11. Electronic Computer.
12. Computer Programming.
13. Programming for Air Defense.
14. Man - Machine Relationships.
15. Electronic Countermeasures.
16. Electronic Counter Countermeasures Developments.
17. Trends in Air Defense.
18. Question and Answer Panel.
19. Tour of Cape Code (CCS) Direction Center.